UNITED STATES COOK CREEK RESERVOIR QUADRANGLE DEPARTMENT OF THE INTERIOR This report has not been edited for conformity with U.S. Geological Survey editorial standards or MONTANA GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 106°15′ 45°45′ 106°07′30″ 45°45′ R 44 E. R. 45 E. 12'30" 17 13 18 16 15 13 24 22 23 21 24 19 20 ISOPACHS OF THE COAL BED-Showing thickness, in feet. Isopach interval 1 foot. STRUCTURE CONTOURS—Drawn on the top of the coal bed. Dashed where projected beyond boundary of coal. Contour interval 20 feet (6.1 m). Datum is mean sea level. BOUNDARY OF COAL DEPOSIT-Drawn along the outcrop of coal bed and/or the contact between burned and unburned coal (dashed where inferred by present 27 26 25 author beyond the limits of original data). Arrows point 30 28 25 29 toward coal-bearing area. Numbers at triangle are coal bed thickness and altitude at the top of the coal bed, measured in feet. To convert feet to meters, multiply feet by 0.3048. 42'30' 42'30" 32 33 34 36 31 35 T.15. T. 2 S. 45°37′30″ 106°07′30″ (WILLOW CROSSING) 4775 II SW SCALE 1:24000 R. 44 E. R. 45 E. 12'30" 106°15′ Compiled in 1977 Base map from U.S. Geological Survey, 1966 MONTANA UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

COAL RESOURCE OCCURRENCE MAP OF THE COOK CREEK RESERVOIR QUADRANGLE, POWDER RIVER AND ROSEBUD COUNTIES, MONTANA BY

PLATE 4 ISOPACH AND STRUCTURE CONTOUR MAP OF THE FERRY COAL BED

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stratigraphic nomenclature.

EXPLANATION

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